3:22 Decimal addition and subtraction

For dollars and cents we place the decimal point on the line.

(Addition and Subtraction)

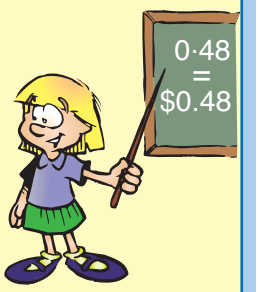
When adding and subtracting decimals keep **points under points.**

Points Under Points.

This is the **PUP** rule.

Ones	$\frac{1}{10}$s	$\frac{1}{100}$s
	1	
2	· 0	7
+ 0	· 3	4
2	· 4	1

		Dollars	Cents
		8	15
	$	0. ~~9~~	~~5~~
−	$	0. 4	7
	$	0. 4	8



1

a

Ones	$\frac{1}{10}$s	$\frac{1}{100}$s
0	· 5	4
+ 0	· 4	3

b

Ones	$\frac{1}{10}$s	$\frac{1}{100}$s
0	· 3	6
+ 0	· 2	3

c

Dollars	Cents
$ 0	. 1 5
+ $ 0	. 8 1

d

Dollars	Cents
$ 3	. 2 0
+ $ 1	. 6 0

2

a

Ones	$\frac{1}{10}$s	$\frac{1}{100}$s
0	· 6	4
− 0	· 2	3

b

Ones	$\frac{1}{10}$s	$\frac{1}{100}$s
0	· 8	6
− 0	· 7	4

c

Dollars	Cents
$ 0	. 7 8
− $ 0	. 4 5

d

Dollars	Cents
$ 8	. 8 0
− $ 1	. 5 0

3

a

0	· 3	8
+ 0	· 2	6

b

0	· 3	7
+ 0	· 5	3

c

$ 0	. 1	2
+ $ 0	. 7	9

d

$ 5	. 3	7
+ $ 3	. 1	4

4

a

0	· 9	3
− 0	· 4	5

b

0	· 7	3
− 0	· 6	5

c

$ 0	. 7	0
− $ 0	. 5	5

d

$ 8	. 4	2
− $ 2	. 2	7

A strategy for giving change.

$ 5.00 − $ 1.65 Count on from $1.65.

$1.65 + 5c = $1.70

$1.70 + 30c = $2.00

$2.00 + $3.00 = $5.00

Change: $3.35

5 Find the change from $5 if I spend:

a $2.50 **b** $1.95

c $3.85 **d** $1.10

e $4.65 **f** $3.15

g $0.75 **h** $2.05

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